

Data File : BF100659.D
Acq On : 17 Nov 2017 5:00
Operator : SJ/JU
Sample : I6491-04
Misc :
ALS Vial : 41 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
111317-TIDO-E-U-S

Quant Time: Nov 17 05:53:29 2017
Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF110817.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Nov 16 12:15:03 2017
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.88	152	105254	20.00	ng	0.00
21) Naphthalene-d8	8.16	136	391867	20.00	ng	0.00
38) Acenaphthene-d10	9.92	164	162860	20.00	ng	0.00
63) Phenanthrene-d10	11.40	188	265867	20.00	ng	0.00
75) Chrysene-d12	14.04	240	224400	20.00	ng	0.00
86) Perylene-d12	15.52	264	229282	20.00	ng	0.00

System Monitoring Compounds						
5) 2-Fluorophenol	5.49	112	239142	36.42	ng	0.00
7) Phenol-d6	6.50	99	176356	21.78	ng	-0.01
23) Nitrobenzene-d5	7.45	82	572611	96.61	ng	0.00
41) 2,4,6-Tribromophenol	10.70	330	124067	74.76	ng	0.00
44) 2-Fluorobiphenyl	9.24	172	1061611	99.26	ng	0.00
78) Terphenyl-d14	12.99	244	703572	72.04	ng	0.00

Target Compounds						Qvalue
19) n-Nitroso-di-n-propylamine	7.45	70	75458	13.44	ng	# 78
25) Isophorone	7.45	82	572462	45.96	ng	# 64
47) 2-Nitroaniline	9.24	65	1476	3.24	ng	# 1
50) 2,6-Dinitrotoluene	9.92	165	19844	8.06	ng	# 26
56) 2,4-Dinitrotoluene	9.92	165	19844	6.39	ng	# 23
64) 4,6-Dinitro-2-methylphenol	10.70	198	109	8.64	ng	# 1
66) 4-Bromophenyl-phenylether	10.70	248	7358	2.58	ng	# 1

(#) = qualifier out of range (m) = manual integration (+) = signals summed

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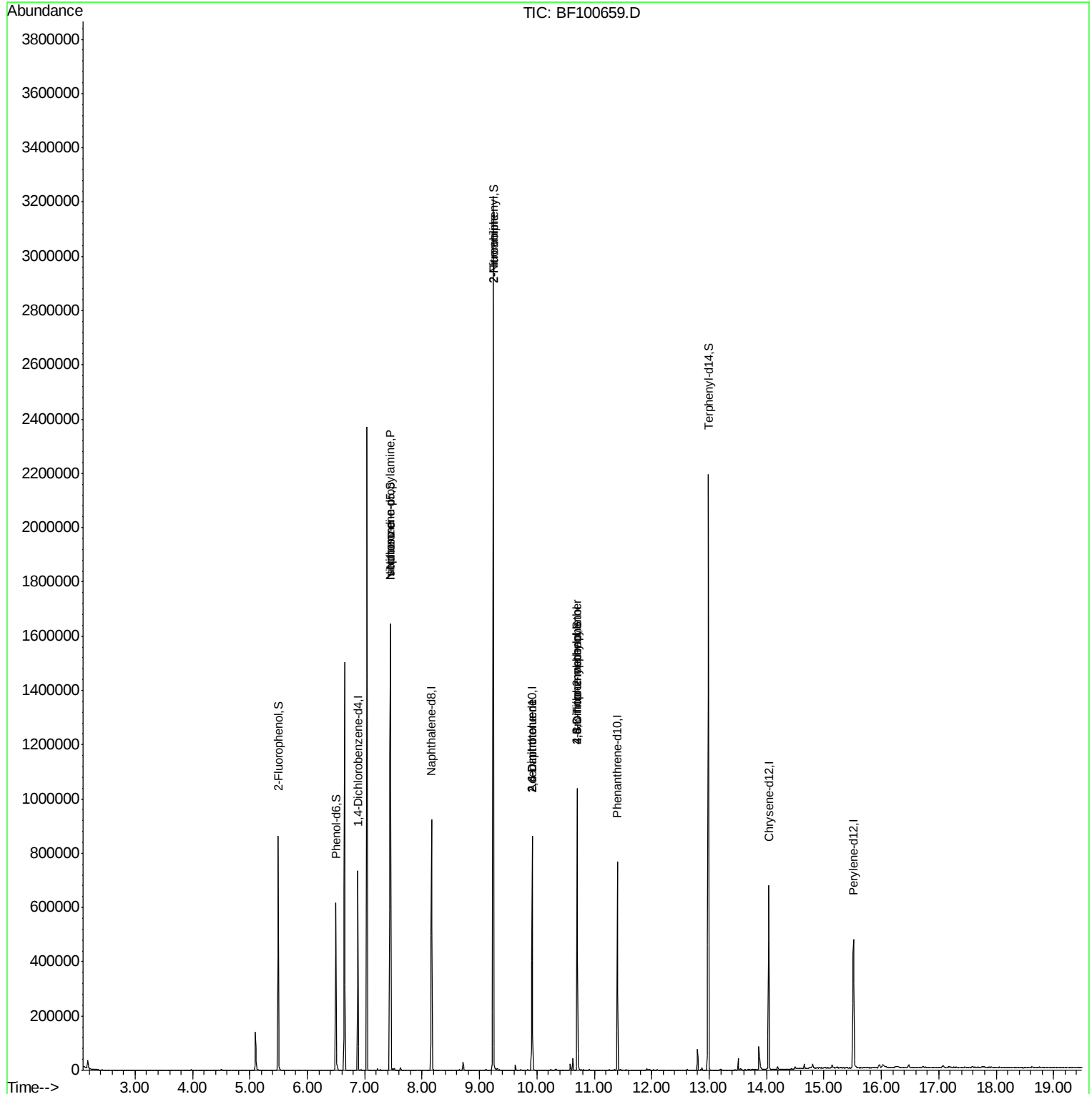
Quant Time: Nov 17 05:53:29 2017

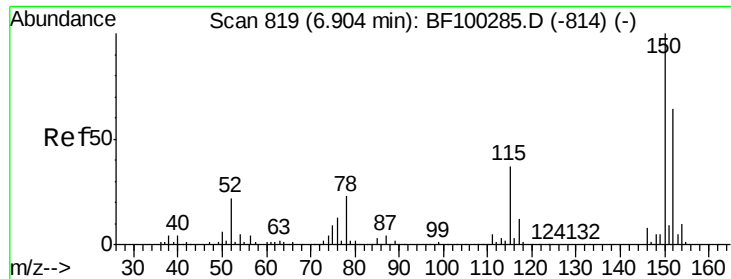
Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF110817.M

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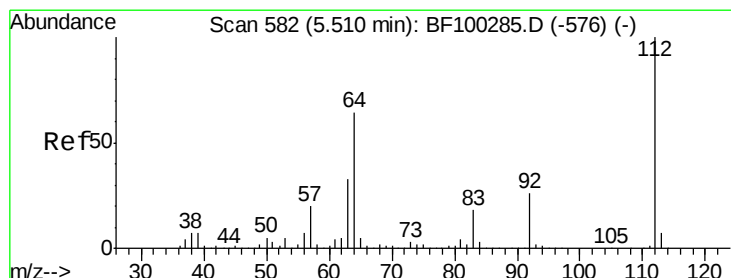
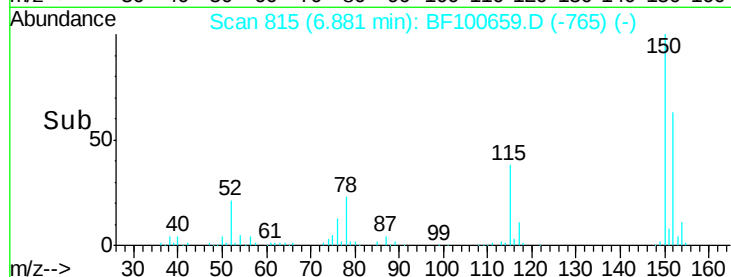
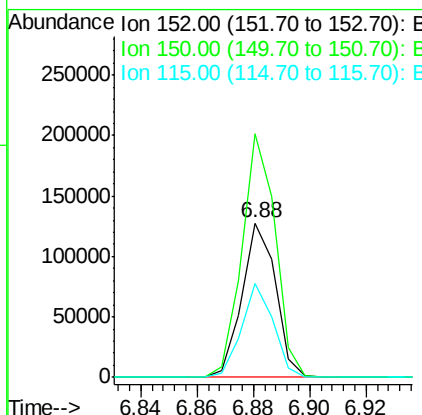
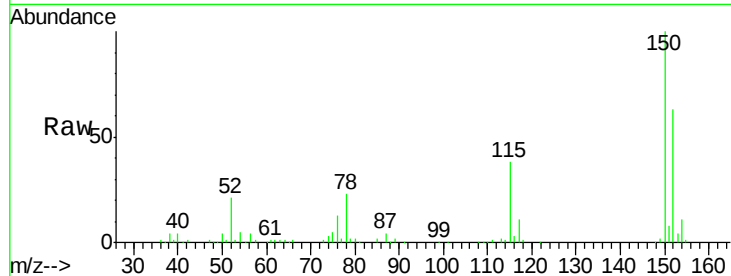




#1
 1,4-Dichlorobenzene-d4
 Concen: 20.00 ng
 RT: 6.88 min Scan# 815
 Delta R.T. -0.01 min
 Lab File: BF100659.D
 Acq: 17 Nov 2017 5:00

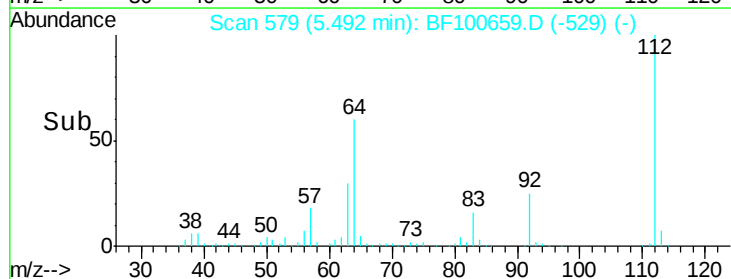
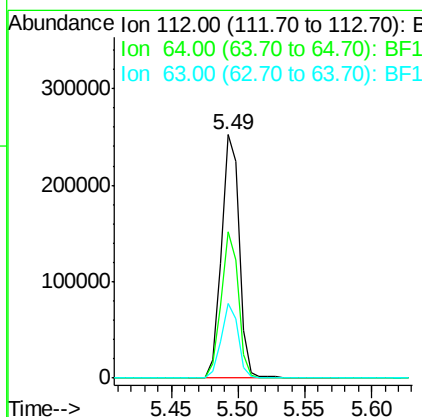
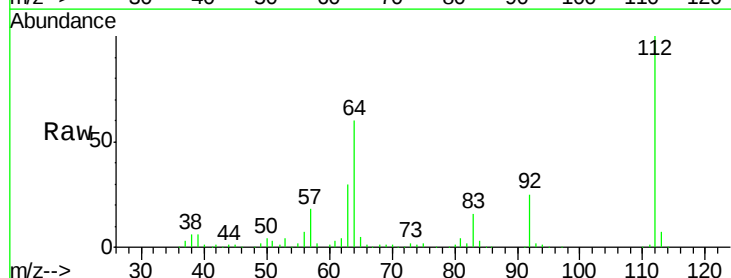
Instrument :
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 111317-TIDO-E-U-S

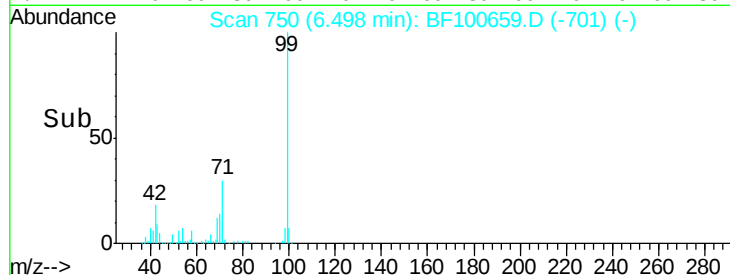
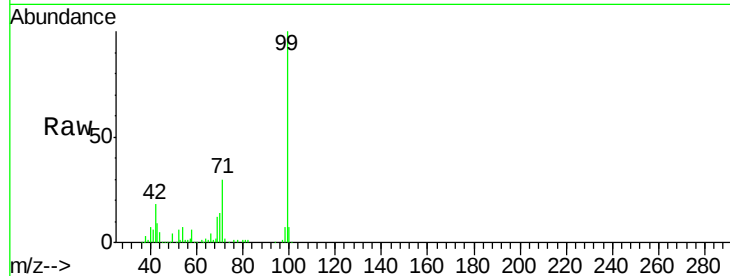
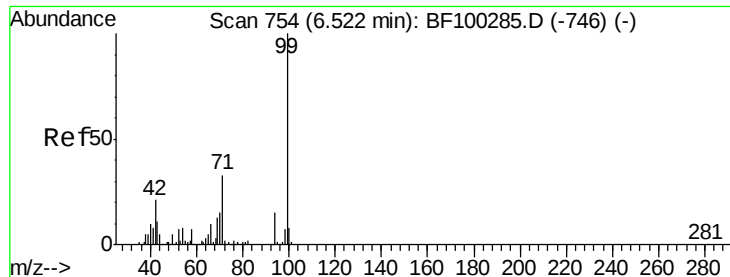
Tgt Ion:152 Resp: 105254
 Ion Ratio Lower Upper
 152 100
 150 157.6 124.6 186.8
 115 60.4 50.1 75.1



#5
 2-Fluorophenol
 Concen: 36.42 ng
 RT: 5.49 min Scan# 579
 Delta R.T. -0.01 min
 Lab File: BF100659.D
 Acq: 17 Nov 2017 5:00

Tgt Ion:112 Resp: 239142
 Ion Ratio Lower Upper
 112 100
 64 60.2 47.9 71.9
 63 30.4 23.7 35.5





#7

Phenol-d6

Concen: 21.78 ng

RT: 6.50 min Scan# 750

Delta R.T. -0.01 min

Lab File: BF100659.D

Acq: 17 Nov 2017 5:00

Instrument :

BNA_F

ClientSampleId :

111317-TIDO-E-U-S

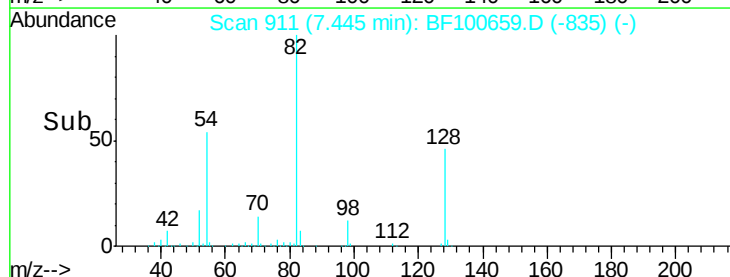
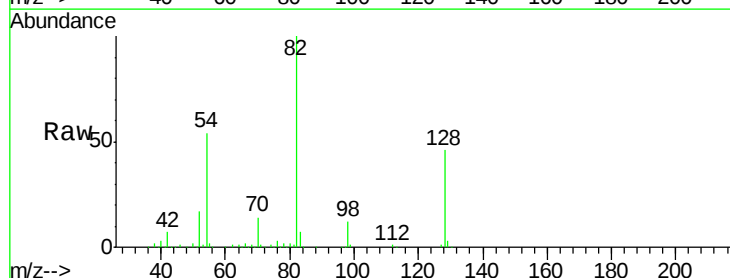
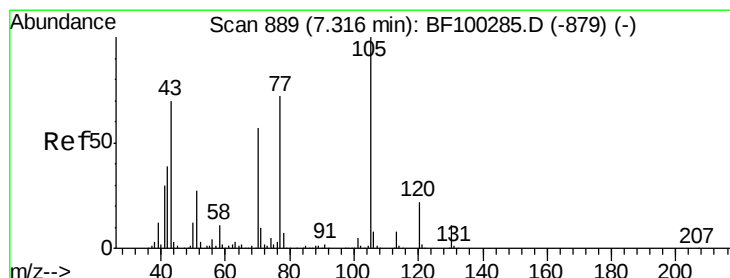
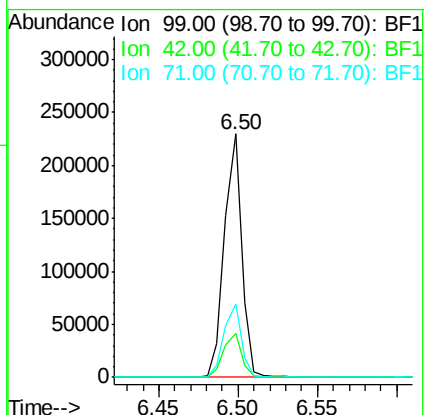
Tgt Ion: 99 Resp: 176356

Ion Ratio Lower Upper

99 100

42 17.9 14.5 21.7

71 30.3 25.4 38.0



#19

n-Nitroso-di-n-propylamine

Concen: 13.44 ng

RT: 7.45 min Scan# 911

Delta R.T. 0.15 min

Lab File: BF100659.D

Acq: 17 Nov 2017 5:00

Tgt Ion: 70 Resp: 75458

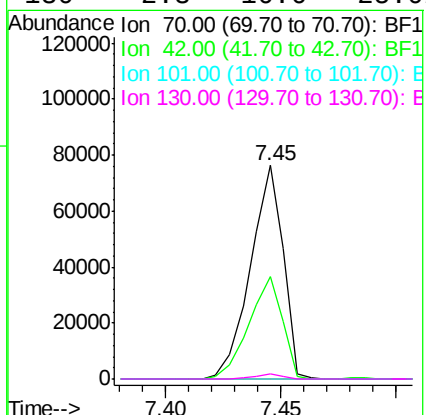
Ion Ratio Lower Upper

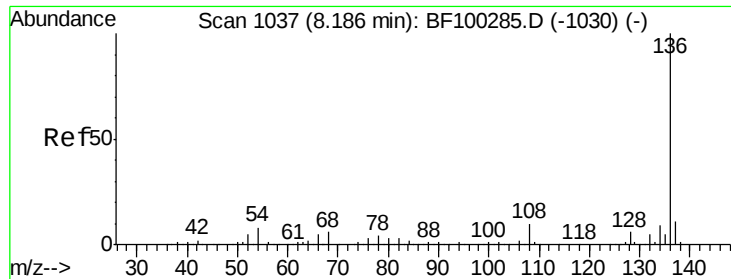
70 100

42 48.1 47.5 71.3

101 0.0 7.4 11.2#

130 2.3 16.6 25.0#

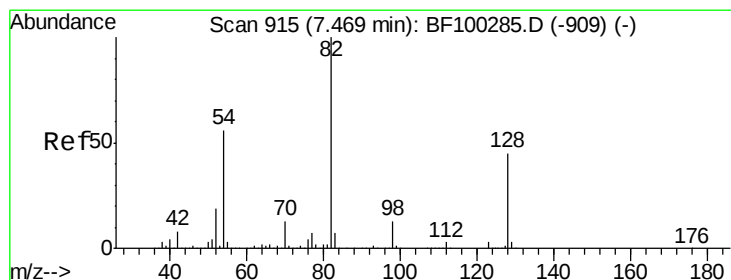
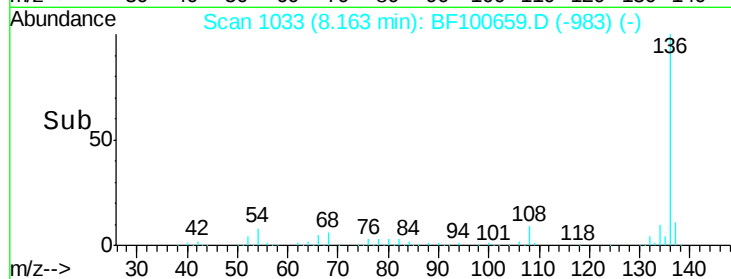
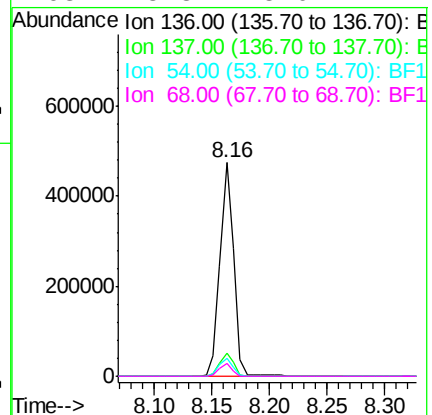
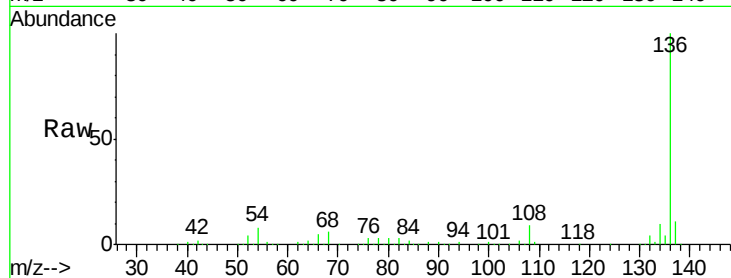




#21
Naphthalene-d8
Concen: 20.00 ng
RT: 8.16 min Scan# 1033
Delta R.T. -0.01 min
Lab File: BF100659.D
Acq: 17 Nov 2017 5:00

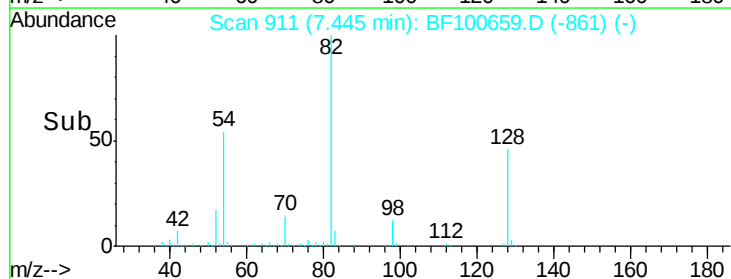
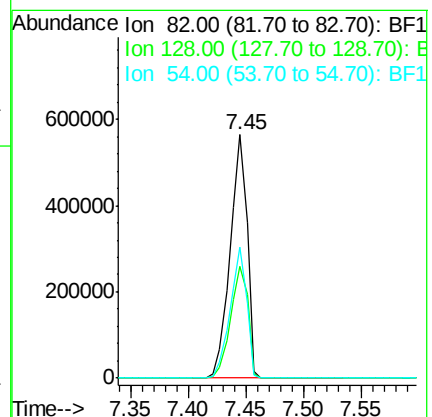
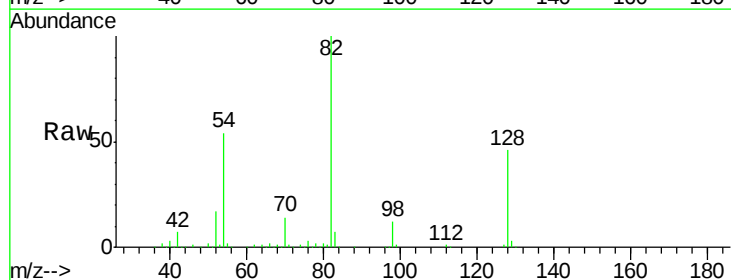
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111317-TIDO-E-U-S

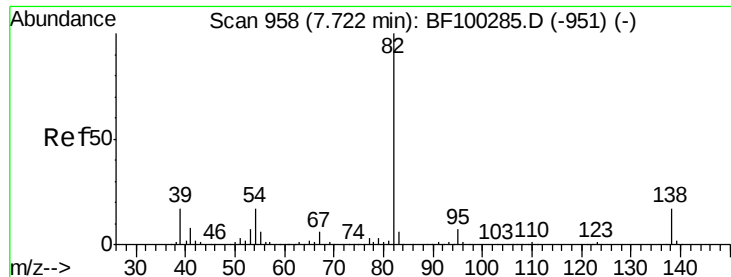
Tgt Ion:	136	Resp:	391867
Ion	Ratio	Lower	Upper
136	100		
137	10.9	8.9	13.3
54	8.3	6.6	9.8
68	5.8	5.0	7.4



#23
Nitrobenzene-d5
Concen: 96.61 ng
RT: 7.45 min Scan# 911
Delta R.T. -0.01 min
Lab File: BF100659.D
Acq: 17 Nov 2017 5:00

Tgt Ion:	82	Resp:	572611
Ion	Ratio	Lower	Upper
82	100		
128	45.8	36.1	54.1
54	53.6	41.4	62.2





#25

Isophorone

Concen: 45.96 ng

RT: 7.45 min Scan# 911

Delta R.T. -0.26 min

Lab File: BF100659.D

Acq: 17 Nov 2017 5:00

Instrument :

BNA_F

ClientSampleId :

111317-TIDO-E-U-S

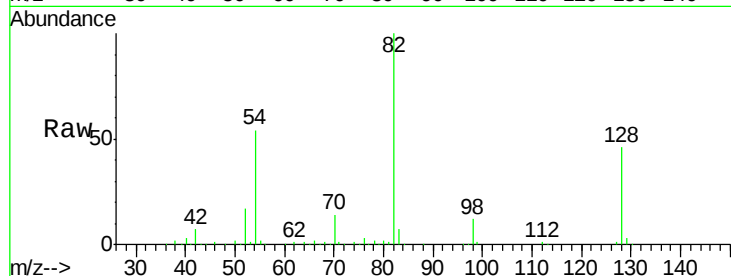
Tgt Ion: 82 Resp: 572462

Ion Ratio Lower Upper

82 100

95 0.0 5.2 7.8#

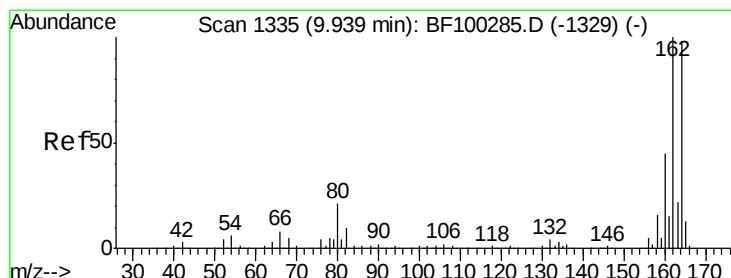
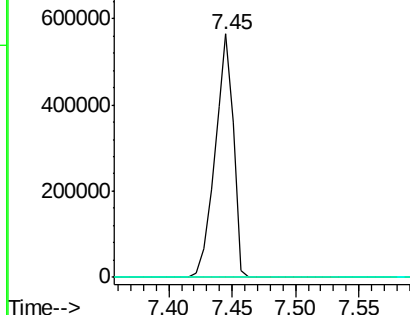
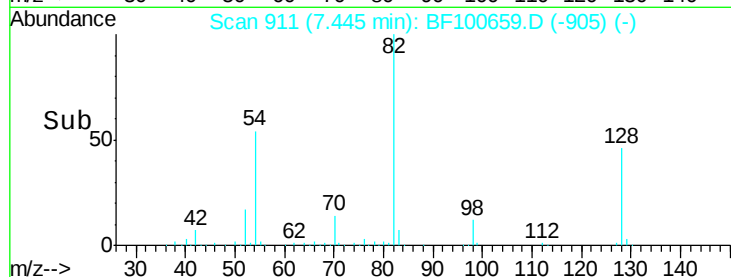
138 0.0 14.9 22.3#



Abundance Ion 82.00 (81.70 to 82.70): BF1

Ion 95.00 (94.70 to 95.70): BF1

Ion 138.00 (137.70 to 138.70): BF1



#38

Acenaphthene-d10

Concen: 20.00 ng

RT: 9.92 min Scan# 1331

Delta R.T. -0.01 min

Lab File: BF100659.D

Acq: 17 Nov 2017 5:00

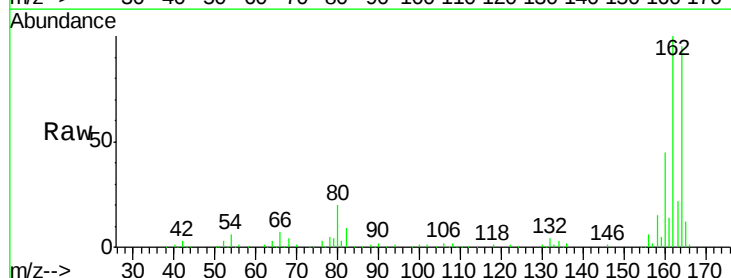
Tgt Ion: 164 Resp: 162860

Ion Ratio Lower Upper

164 100

162 105.1 86.1 129.1

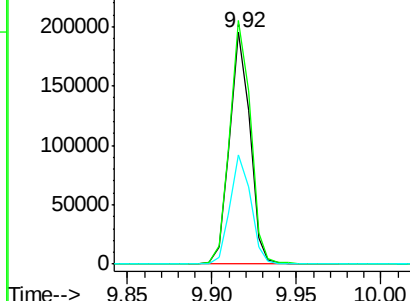
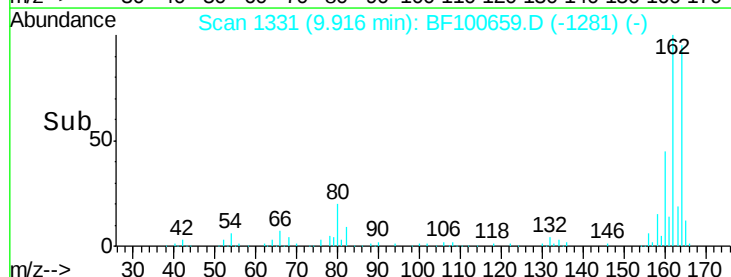
160 47.3 38.3 57.5

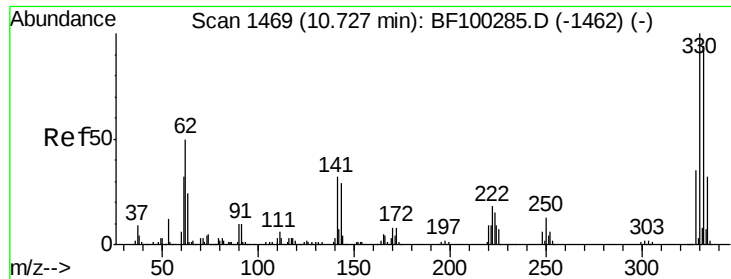


Abundance Ion 164.00 (163.70 to 164.70): E

Ion 162.00 (161.70 to 162.70): E

Ion 160.00 (159.70 to 160.70): E

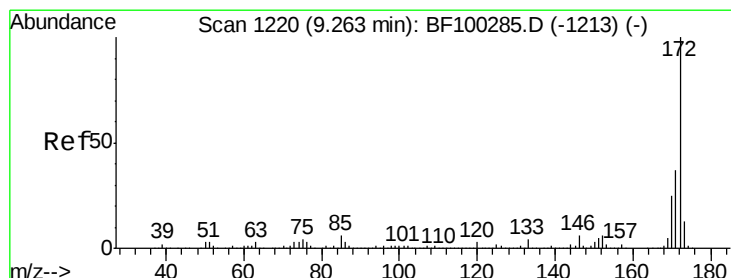
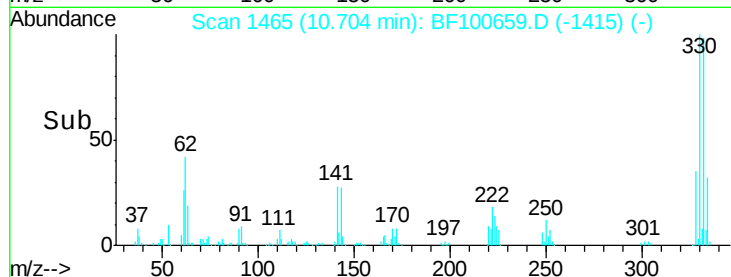
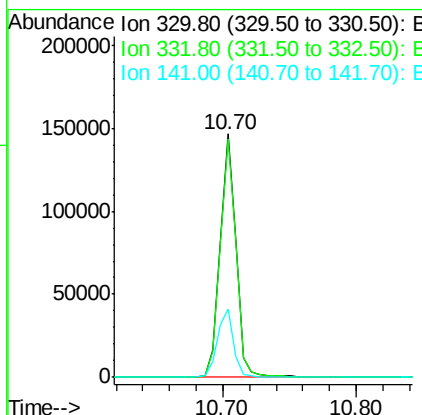
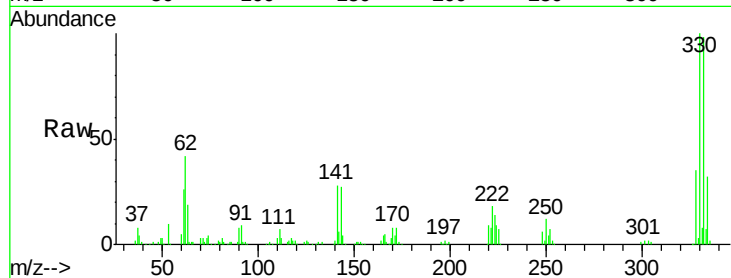




#41
 2,4,6-Tribromophenol
 Concen: 74.76 ng
 RT: 10.70 min Scan# 1465
 Delta R.T. -0.01 min
 Lab File: BF100659.D
 Acq: 17 Nov 2017 5:00

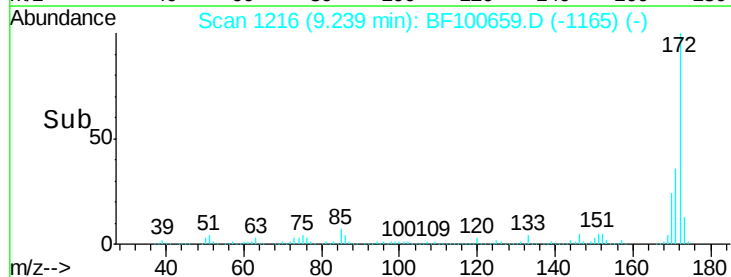
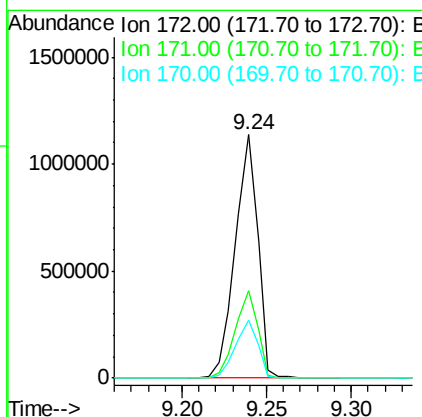
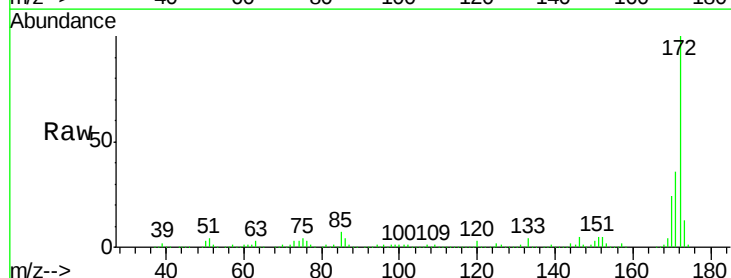
Instrument :
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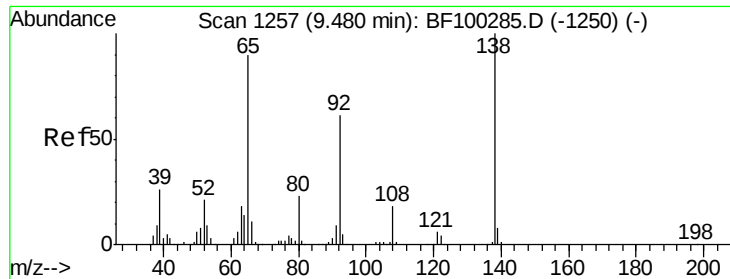
Tgt Ion: 330 Resp: 124067
 Ion Ratio Lower Upper
 330 100
 332 98.3 77.0 115.6
 141 28.5 29.9 44.9#



#44
 2-Fluorobiphenyl
 Concen: 99.26 ng
 RT: 9.24 min Scan# 1216
 Delta R.T. -0.00 min
 Lab File: BF100659.D
 Acq: 17 Nov 2017 5:00

Tgt Ion: 172 Resp: 1061611
 Ion Ratio Lower Upper
 172 100
 171 35.9 29.7 44.5
 170 24.1 19.6 29.4

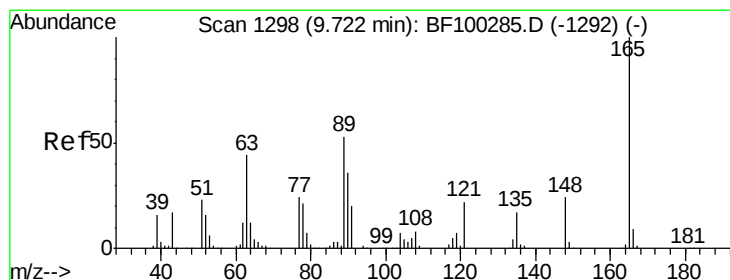
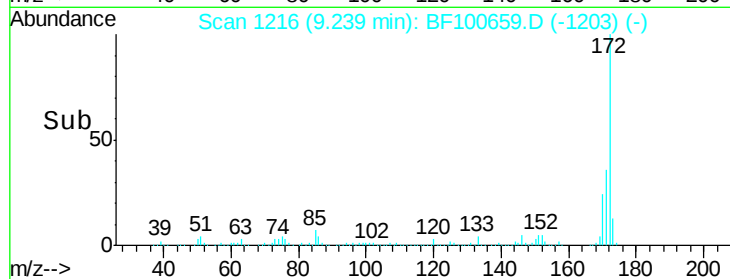
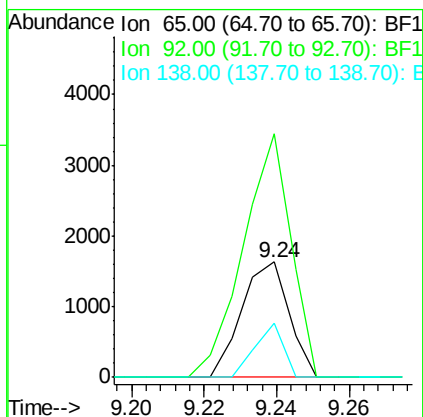
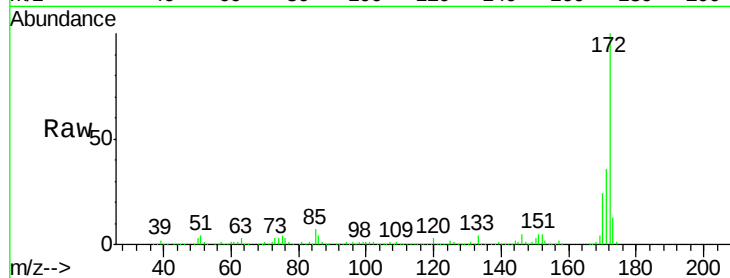




#47
 2-Nitroaniline
 Concen: 3.24 ng
 RT: 9.24 min Scan# 1216
 Delta R.T. -0.22 min
 Lab File: BF100659.D
 Acq: 17 Nov 2017 5:00

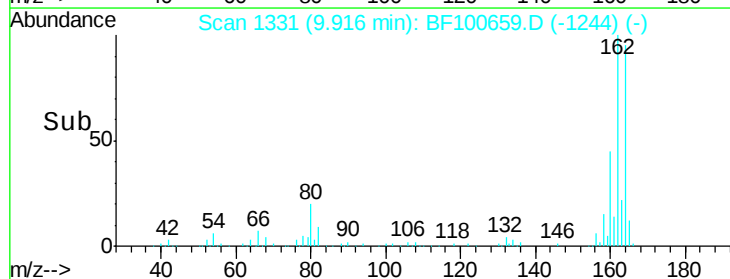
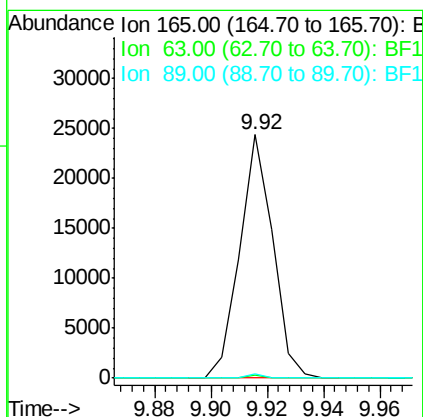
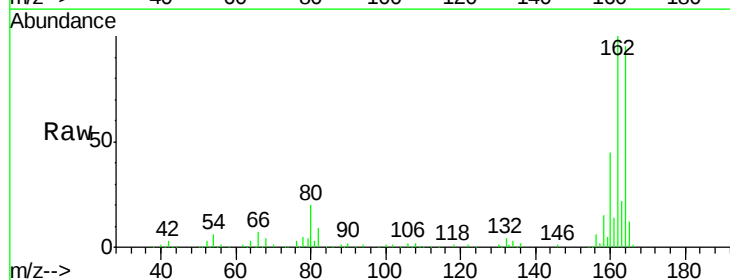
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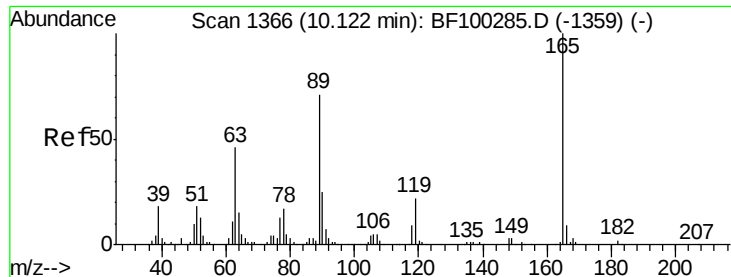
Tgt Ion: 65 Resp: 1476
 Ion Ratio Lower Upper
 65 100
 92 211.2 55.8 83.6#
 138 47.2 91.2 136.8#



#50
 2,6-Dinitrotoluene
 Concen: 8.06 ng
 RT: 9.92 min Scan# 1331
 Delta R.T. 0.21 min
 Lab File: BF100659.D
 Acq: 17 Nov 2017 5:00

Tgt Ion: 165 Resp: 19844
 Ion Ratio Lower Upper
 165 100
 63 1.5 44.7 67.1#
 89 1.6 44.0 66.0#

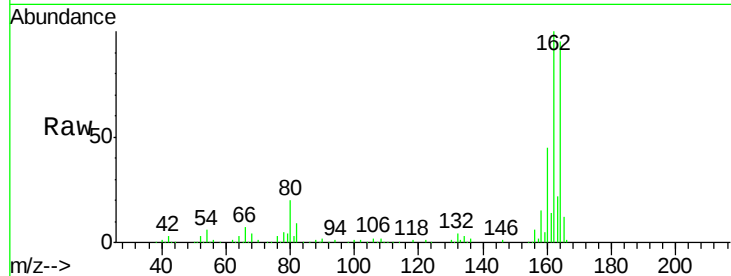




#56
 2,4-Dinitrotoluene
 Concen: 6.39 ng
 RT: 9.92 min Scan# 1331
 Delta R.T. -0.19 min
 Lab File: BF100659.D
 Acq: 17 Nov 2017 5:00

Instrument :
 BNA_F
 ClientSampleId :
 111317-TIDO-E-U-S

Tgt Ion	Ratio	Lower	Upper
165	100		
63	1.5	36.4	54.6#
89	1.6	57.8	86.6#
182	0.0	1.6	2.4#

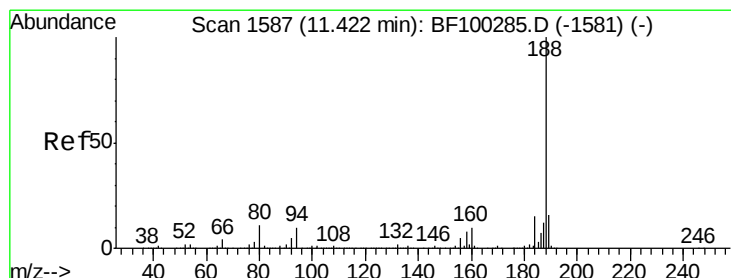
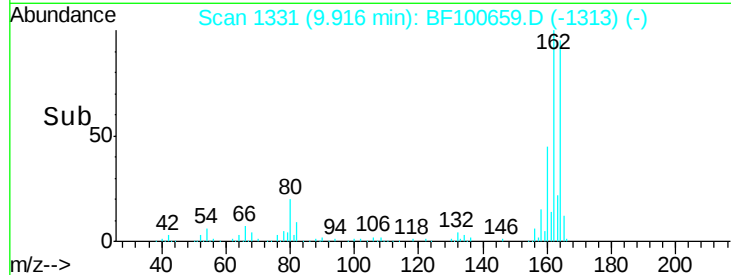
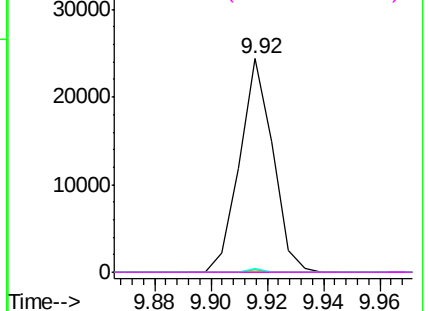


Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BF1

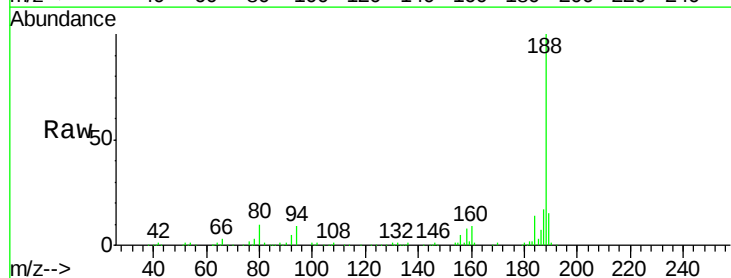
Ion 89.00 (88.70 to 89.70): BF1

Ion 182.00 (181.70 to 182.70): E



#63
 Phenanthrene-d10
 Concen: 20.00 ng
 RT: 11.40 min Scan# 1584
 Delta R.T. -0.00 min
 Lab File: BF100659.D
 Acq: 17 Nov 2017 5:00

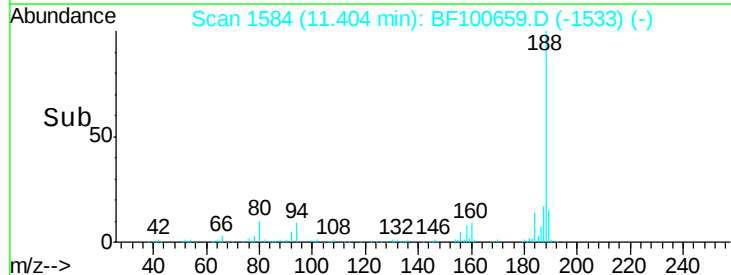
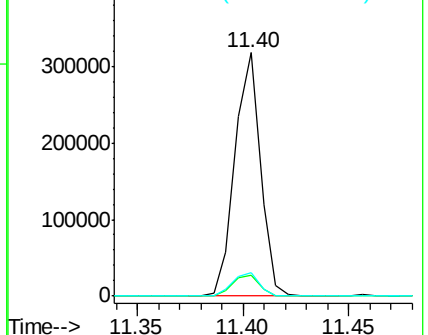
Tgt Ion	Ratio	Lower	Upper
188	100		
94	8.8	8.5	12.7
80	9.5	9.2	13.8

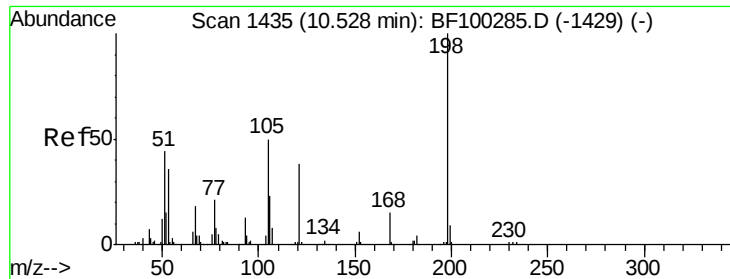


Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BF1

Ion 80.00 (79.70 to 80.70): BF1

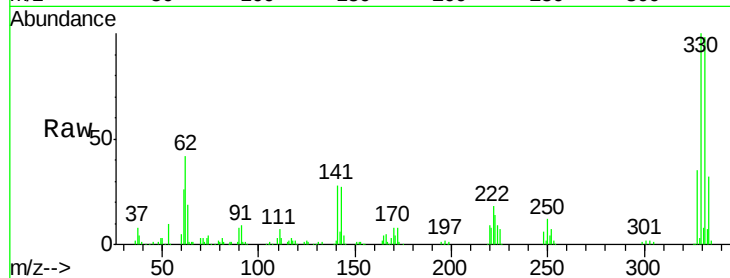




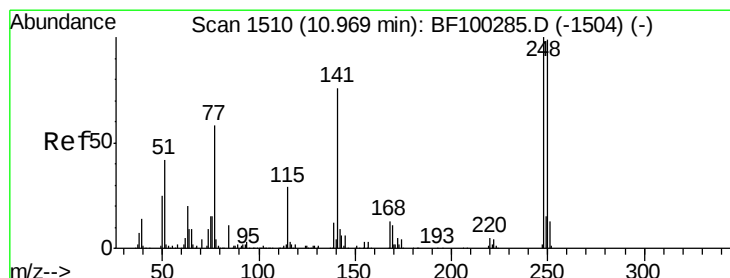
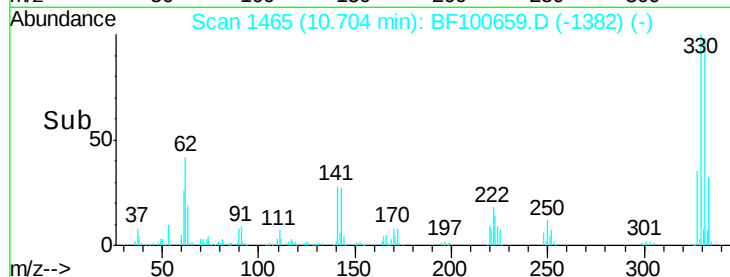
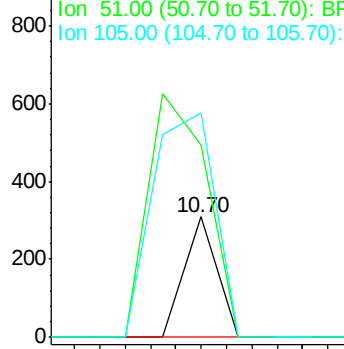
#64
 4,6-Dinitro-2-methylphenol
 Concen: 8.64 ng
 RT: 10.70 min Scan# 1465
 Delta R.T. 0.19 min
 Lab File: BF100659.D
 Acq: 17 Nov 2017 5:00

Instrument :
 BNA_F
 ClientSampleId :
 111317-TIDO-E-U-S

Tgt Ion:198 Resp: 109
 Ion Ratio Lower Upper
 198 100
 51 159.5 37.7 77.7#
 105 187.1 36.3 76.3#

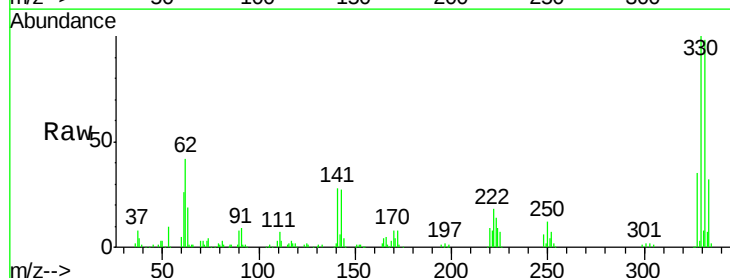


Abundance Ion 198.00 (197.70 to 198.70): E
 Ion 51.00 (50.70 to 51.70): BF1
 Ion 105.00 (104.70 to 105.70): E

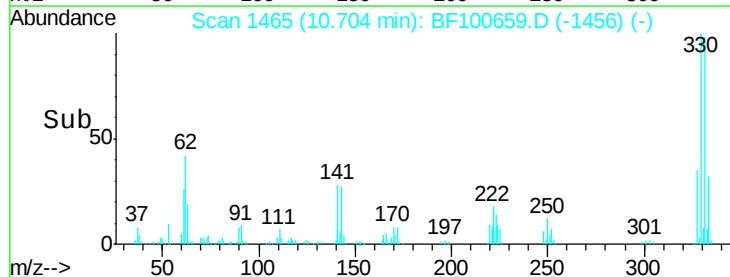
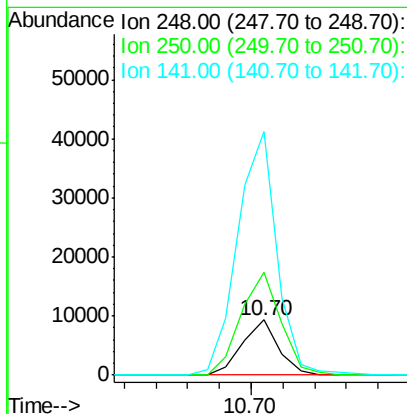


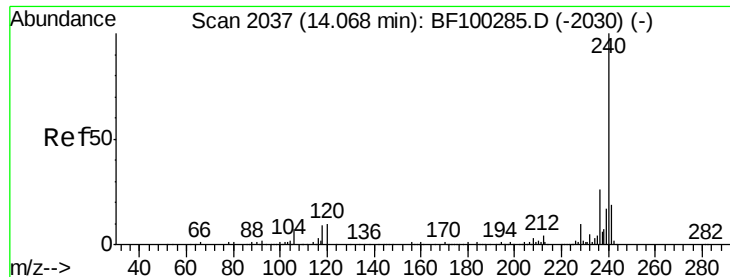
#66
 4-Bromophenyl-phenylether
 Concen: 2.58 ng
 RT: 10.70 min Scan# 1465
 Delta R.T. -0.25 min
 Lab File: BF100659.D
 Acq: 17 Nov 2017 5:00

Tgt Ion:248 Resp: 7358
 Ion Ratio Lower Upper
 248 100
 250 186.3 76.9 115.3#
 141 443.0 74.4 111.6#



Abundance Ion 248.00 (247.70 to 248.70): E
 Ion 250.00 (249.70 to 250.70): E
 Ion 141.00 (140.70 to 141.70): E





#75

Chrysene-d12

Concen: 20.00 ng

RT: 14.04 min Scan# 2032

Delta R.T. -0.01 min

Lab File: BF100659.D

Acq: 17 Nov 2017 5:00

Instrument :

BNA_F

ClientSampleId :

111317-TIDO-E-U-S

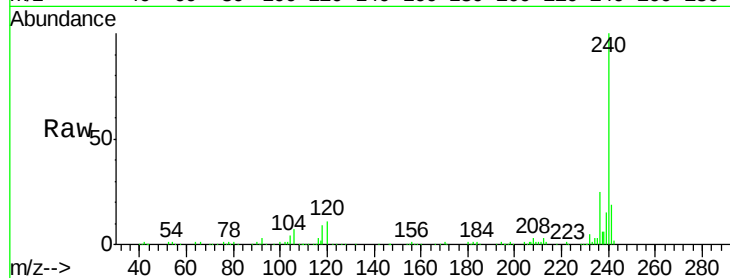
Tgt Ion:240 Resp: 224400

Ion Ratio Lower Upper

240 100

120 10.6 9.5 14.3

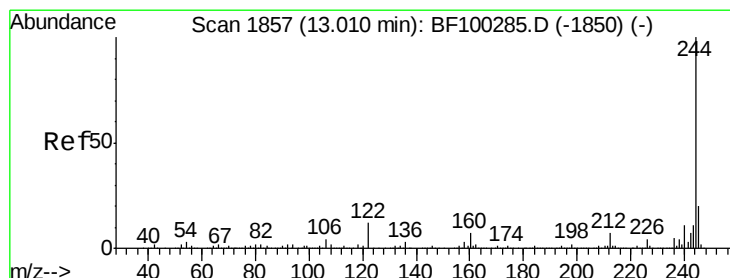
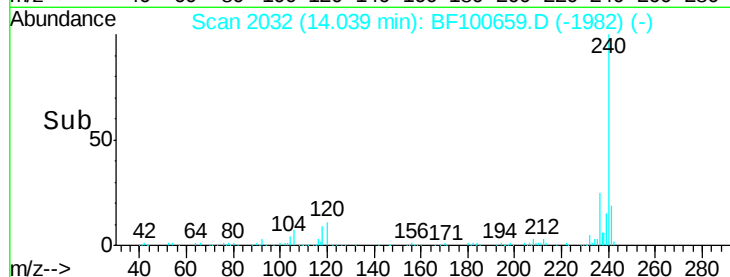
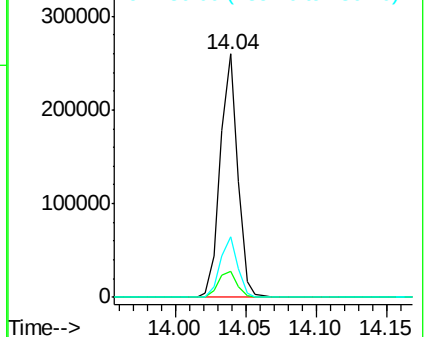
236 24.7 20.7 31.1



Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E



#78

Terphenyl-d14

Concen: 72.04 ng

RT: 12.99 min Scan# 1853

Delta R.T. -0.01 min

Lab File: BF100659.D

Acq: 17 Nov 2017 5:00

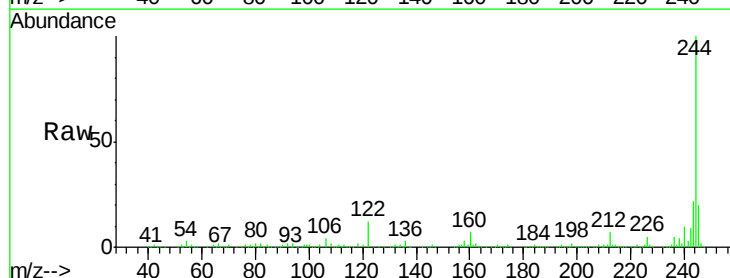
Tgt Ion:244 Resp: 703572

Ion Ratio Lower Upper

244 100

212 7.1 5.4 8.0

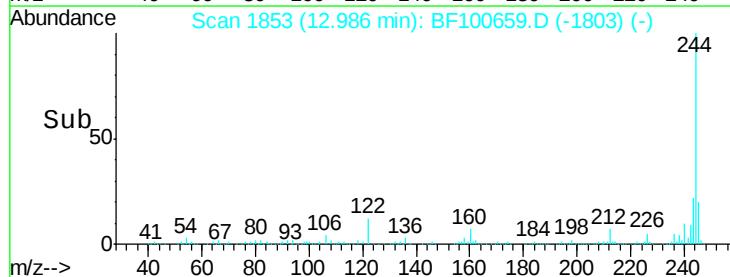
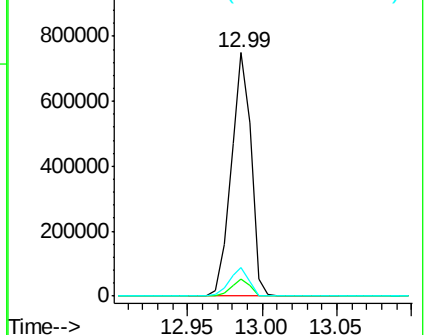
122 11.9 11.0 16.4

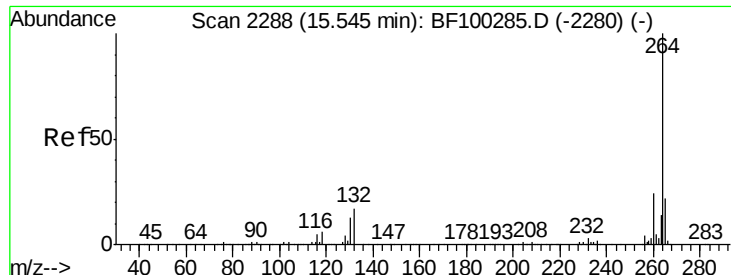


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E





#86
Perylene-d12
Concen: 20.00 ng
RT: 15.52 min Scan# 2283
Delta R.T. -0.00 min
Lab File: BF100659.D
Acq: 17 Nov 2017 5:00

Instrument :
BNA_F
ClientSampleId :
111317-TIDO-E-U-S

Tgt Ion	Ratio	Lower	Upper
264	100		
260	23.9	19.2	28.8
265	22.0	17.5	26.3

